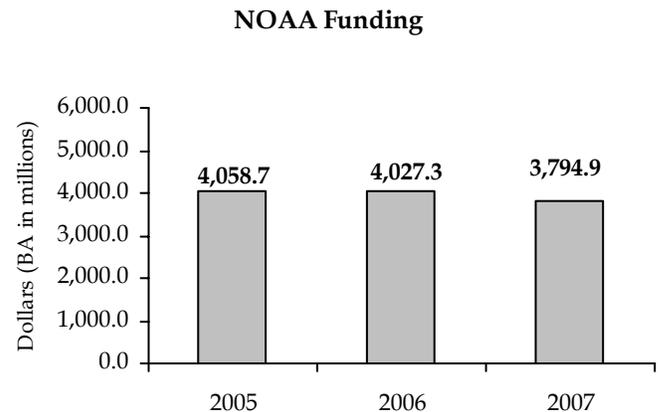


National Oceanic and Atmospheric Administration

The budget for the National Oceanic and Atmospheric Administration (NOAA) is divided into two primary accounts, Operations, Research and Facilities (ORF) and Procurement, Acquisition and Construction (PAC). Other accounts include Pacific Coastal Salmon Recovery, Coastal Impact Assistance Fund, Fishermen's Contingency Fund, Foreign Fishing Observer Fund, Fisheries Finance Program Account, Promote and Develop American Fishery Products and Research Pertaining to American Fisheries Fund, Damage Assessment and Restoration Revolving Fund, Coastal Zone Management Fund, Federal Ship Financing Fund, the Limited Access System Administration Fund, the Environmental Improvement and Restoration Fund, the Marine Mammal Unusual Mortality Event Fund, and Medicare-Eligible Retiree Healthcare Fund.



Operations, Research and Facilities (ORF) and Procurement, Acquisition and Construction (PAC)

These two accounts fund the following NOAA programs, providing nearly all of NOAA's services:

National Ocean Service (NOS):

NOS programs provide scientific, technical, and management expertise to promote safe navigation; assess the health of coastal and marine resources and respond to natural and human induced threats; and preserve the coastal ocean and global environments. Mapping and charting activities produce nautical charts and supporting documents that are compiled and sold to the public and other Federal agencies. Understanding and management of the coastal environment is enhanced through the coastal science and the coastal zone management programs. NOS also establishes and manages marine sanctuaries and estuarine research reserves of national significance.

National Marine Fisheries Service (NMFS):

NMFS is responsible for the management and conservation of living marine resources within the U. S. Exclusive Economic Zone (EEZ). NMFS also provides critical support and scientific and policy leadership in the international arena and plays a key role in the management of living marine resources in coastal areas under State jurisdiction. NMFS implements international agreements on conservation and management measures through science-based actions aimed at sustaining long-term use and promoting the health of coastal and marine ecosystems. The result is maximized benefits to the Nation from the use of living marine resources. Programmatic authority for fisheries management, species protection, and habitat conservation activities are derived primarily from the Magnuson-Stevens Fishery Conservation and Management Act (Magnuson-Stevens Act), Sustainable Fisheries Act (SFA), Marine Mammal Protection Act (MMPA), and Endangered Species Act (ESA). Other acts provide additional authority for enforcement, seafood safety, habitat restoration, and cooperative efforts with States, interstate fish commissions, and other countries. All of these activities rely on a strong scientific and research competency to support the challenging public policy decision process associated with NMFS' stewardship responsibility.

Oceanic and Atmospheric Research (OAR):

OAR provides the research and technology development necessary to improve NOAA weather services, seasonal climate outlooks and marine services. OAR contributes scientific information to advise national policy decisions in areas such as climate change, air quality and stratospheric ozone depletion. OAR seeks to promote economic growth through efforts in

marine biotechnology; sustainable usage of coastal, marine and Great Lakes resources; and development of environmental observing technologies.

National Weather Service (NWS):

NWS provides weather, hydrologic, and climate forecasts and warnings for the United States, its territories, adjacent waters and ocean areas, for the protection of life and property and the enhancement of the national economy. NWS data and products are derived from a national information database and infrastructure and are available for use by other governmental agencies, the private sector, the public, and the global community.

National Environmental Satellite, Data and Information Service (NESDIS):

NESDIS operates the polar-orbiting and geostationary operational environmental satellites, develops the converged polar-orbiting satellite series with the Department of Defense and NASA, and manages NOAA's environmental data collections for use in studying long-term environmental change. The polar and geostationary satellites provide meteorological data to the NWS for use in developing warnings and forecasts. Environmental data and information are collected from NOAA and other sources, disseminated and archived for future use.

Program Support (PS):

Program Support includes Corporate Services, Facilities, and the Office of Marine and Aviation Operations (OMAO). Through Corporate Services, NOAA provides for overall NOAA management and administrative support, including acquisition and grants, budget, accounting, and human resources. The Facilities subactivity provides for repair and maintenance to existing facilities; facilities planning and design; and environmental compliance. OMAO operates and maintains NOAA's ships and aircraft and uses them to collect data to support NOAA's mission. OMAO also provides technical and management support through the NOAA Commissioned Corps, assists with outsourcing for ship and aircraft support, plans and implements the modernization of the NOAA fleet, and provides centralized guidance for NOAA's small-boat safety program. Additionally, OMAO operates the NOAA diving program and the Teacher at Sea program.

Other NOAA Accounts

Pacific Coastal Salmon Recovery was established in FY 2000 to fund State, Tribal and local conservation initiatives to help recover Pacific salmon populations in the states of California, Washington, Oregon, Idaho, and Alaska.

The **Fishermen's Contingency Fund** is used to compensate domestic fishermen for the damage or loss of fishing gear and resulting economic loss due to obstructions related to oil and gas exploration, development or production in the Outer Continental Shelf. The funds are derived from fees collected annually by the Secretary of the Interior from the holders of leases, explorations, permits, easements, and rights of way.

The **Foreign Fishing Observer Fund** provides observer coverage of foreign fishing activities within the 200-mile EEZ. The fund is financed by fees collected from foreign governments with fishing vessels within the exclusive fishery jurisdiction of the U.S. The fund is used to pay salaries, administrative costs, data entry, and other expenses associated with the placement of observers aboard foreign fishing vessels.

The **Fisheries Finance Program Account** (FFPA) provides direct loans that promote building sustainable fisheries. The program provides Individual Fishing Quota (IFQ) financing at the request of a Fishery Management Council. At this time, IFQ financing is available to first time purchasers and small vessel operators in the Halibut Sablefish fisheries. Additionally, FFP provides financing for Community Development Quota groups fisheries investments in the Bering Sea Aleutian Islands Pollock fishery. The re-authorization of the Magnuson-Stevens Fisheries Conservation and Management Act in October 1996 changed the program to provide direct loans rather than loan guarantees previously made under the Fishing Vessel Obligation Guarantee appropriation.

The **Promote and Develop American Fishery Products & Research Pertaining to American Fisheries Fund** receives 30 percent of the import duties the Department of Agriculture collects on fishery-related products. A portion of these funds

is used to offset marine fishery resource programs in the Operations, Research and Facilities appropriation in FY 2007. The remaining funds are used to promote industry development through competitively-awarded external grants for innovative research and development of projects in the fishing industry and for internal research that complements the external program.

The **Damage Assessment and Restoration Revolving Fund (DARRF)** receives proceeds from claims against responsible parties, as determined through court settlements or agreements, for damages to natural resources for which NOAA serves as trustee. In FY 1999 and prior years, funds were transferred to the Operations, Research and Facilities account for purposes of damage assessment and restoration. Beginning in FY 2000, funds were expended in the DARRF and treated as mandatory budget authority. NOAA utilizes funds transferred to this account to respond to hazardous materials spills in the coastal and marine environments, by conducting damage assessments, providing scientific support during litigation, and using recovered damages to restore injured resources.

The **Coastal Zone Management Fund (CZM)** was established under the Omnibus Budget Reconciliation Act of 1990 (P.L. 101-158, Sec. 6201-6216) to receive repayments from the coastal energy impact program. These payments are used for CZM programs and administration as authorized by section 308 of the Coastal Zone Management Act (CZMA), and will offset CZM administration costs in the ORF account.

The **Federal Ship Financing Fund** manages the loan guarantee portfolio that existed prior to the enactment of the Federal Credit Reform Act of 1990.

The **Limited Access System Administration Fund** was established by Title III of Public Law 104-297. Fee collections equaling no more than one-half percent of the proceeds from the sale or transfer of limited access system permits are deposited into the Fund. These deposits to the Fund are used to administer an exclusive central registry system for the limited access system permits.

The **Environmental Improvement and Restoration Fund (EIRF)** was created by the Department of the Interior and Related Agencies Act, 1998, for the purpose of carrying out marine research activities in the North Pacific. These funds will provide grants to Federal, State, private or foreign organizations or individuals to conduct research activities on or relating to the fisheries or marine ecosystems in the North Pacific Ocean, Bering Sea, and Arctic Ocean.

Marine Mammal Unusual Mortality Event Fund (MMUEF) provides funds to support investigations and responses to unusual marine mammal mortality events.

Medicare-Eligible Retiree Healthcare Fund finances the cost of Tricare retirement health care benefits accrued by the active duty members of the NOAA Commissioned Corps.

Summary of FTE

	2005 <u>Actual</u>	2006 <u>Estimate</u>	2007 <u>Estimate</u>	Increase <u>(Decrease)</u>
Operations, Research & Facilities (ORF)	11,608	11,781	11,847	66
ORF Reimbursable	754	815	815	0
Procurement, Acquisition & Construction (PAC)	201	174	181	7
Limited Access System Administration Fund	22	0	0	0
Damage Assessment & Restoration Revolving Fund	12	16	16	0
Promote & Develop American Fishery Products	2	4	4	0
Pacific Coastal Salmon Recovery	0	0	0	0
Fishermen's Contingency Fund	1	1	1	0
TOTAL	12,600	12,791	12,864	73

Summary of Appropriations

(Dollars in thousands)

Appropriation	2005 <u>Actual</u>	2006 <u>Estimate</u>	2007 <u>Estimate</u>	Increase <u>(Decrease)</u>
Operations, Research & Facilities (ORF)	\$2,789,674	\$2,744,236	\$2,587,843	(\$156,393)
Procurement, Acquisition & Construction (PAC)	1,053,335	1,147,319	1,024,467	(122,852)
Coastal Zone Management Fund	3,000	3,000	3,000	0
Fishermen's Contingency Fund	492	0	0	0
Marine Mammal Unusual Event Mortality Fund	800	0	0	0
Fisheries Finance Program Account	628	283	0	(283)
Pacific Coastal Salmon Recovery	88,798	66,638	66,825	187
Medicare-Eligible Retiree Healthcare Fund	0	1,645	2,012	367
TOTAL APPROPRIATION	3,936,727	3,963,121	3,684,147	(278,974)
Transfers:				
<u>Operations, Research & Facilities</u>				
FROM: Promote & Develop Fishery Products	65,000	67,000	77,000	10,000
Coastal Zone Management Fund	3,000	3,000	3,000	0
Pacific Coastal Salmon Recovery	89	67	0	(67)
Procurement, Acquisition and Construction	1,842	1,147	0	(1,147)
Fisheries Finance Program Account	1	0	0	0
Department of Defense - Navy	18,000	0	0	0
Department of Interior	(4,500)	0	0	0
TO: Procurement, Acquisition and Construction	(366)	0	0	0
Fisheries Finance Program Account	(247)	(1,972)	0	1,972
Marine Mammal Commission	0	0	0	0
Subtotal, ORF	82,819	69,242	80,000	10,758
<u>Coastal Zone Management Fund</u>				
TO: ORF	(3,000)	(3,000)	(3,000)	0
<u>Pacific Coastal Salmon Recovery</u>				
TO: Fisheries Finance Program Account	(493)	0	0	0
TO: ORF	(89)	(67)	0	67
Subtotal, PCSR	(582)	(67)	0	67
<u>Procurement, Acquisition & Construction (PAC)</u>				
TO: ORF	(1,842)	(1,147)	0	1,147
FROM: ORF	366	0	0	0
TO: NASA	0	(26,629)	0	26,629
<u>Fisheries Finance Program Account (FFPA)</u>				
TO: ORF	(1)	0	0	0
FROM: Pacific Coastal Salmon Recovery	493	0	0	0
FROM: ORF	247	1,972	0	(1,972)
Subtotal, FFPA	739	1,972	0	(1,972)

Appropriation	2005 <u>Actual</u>	2006 <u>Estimate</u>	2007 <u>Estimate</u>	Increase <u>(Decrease)</u>
Promote & Develop American Fishery Products (P&D)				
TO: ORF	(\$65,000)	(\$67,000)	(\$77,000)	(\$10,000)
FROM: Department of Agriculture	77,539	79,283	79,283	0
Subtotal, P&D	12,539	12,283	2,283	(10,000)
TOTAL TRANSFERS	91,039	52,654	79,283	26,629
Unobligated balances, rescission				
Operations, Research & Facilities (ORF)	0	(11,629)	0	11,629
Procurement, Acquisition & Construction (PAC)	0	(13,371)	0	13,371
TOTAL UNOBLIGATED BALANCES, RESCISSION	0	(25,000)	0	25,000
Mandatory Accounts				
Damage Assessment & Restoration Revolving Fund	16	1,000	1,000	0
Fisheries Finance Program Account	5,144	6,316	0	(6,316)
Environmental Improvement and Restoration Fund	6,836	8,281	8,720	439
CZMF mandatory offsetting collections	(1,637)	(3,000)	(3,000)	0
Federal Ship Financing Fund	0	(2,000)	(2,000)	0
NOAA Corps Retirement Pay	17,574	18,504	19,322	818
Limited Access System Administration Fund	3,040	7,444	7,444	0
TOTAL BUDGET AUTHORITY	4,058,739	4,027,320	3,794,916	(232,404)
Mandatory Funds	108,512	115,828	110,769	(5,059)
Discretionary Budget Authority				
Operations, Research & Facilities (ORF)	2,872,493	2,801,849	2,667,843	(134,006)
P&D Transfer	(65,000)	(67,000)	(77,000)	(10,000)
Procurement, Acquisition & Construction (PAC)	1,051,859	1,106,172	1,024,467	(81,705)
Coastal Zone Management Fund	0	0	0	0
Fishermen's Contingency Fund	492	0	0	0
Marine Mammal Unusual Mortality Event Fund	800	0	0	0
Medicare-Eligible Retiree Healthcare Fund	0	1,645	2,012	367
Fisheries Finance Program Account	1,367	2,255	0	(2,255)
Pacific Coastal Salmon Recovery	88,216	66,571	66,825	254
TOTAL DISCRETIONARY	3,950,227	3,911,492	3,684,147	(227,345)
BUDGET AUTHORITY				

Highlights of Budget Changes

Appropriation: Operations, Research and Facilities

Summary of Requirements

	<u>Detailed</u>		<u>Summary</u>	
	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
2006 Appropriation			11,781	\$2,744,236
FY 2006 Unobligated Balance Rescission				(11,629)
<u>Transfers</u>				
From Promote and Develop American Fisheries		\$67,000		
From Coastal Zone Management Fund		3,000		
From Procurement, Acquisition Construction		1,147		
From Pacific Coastal Salmon Recovery		67		
From Promote and Develop American Fisheries		(1,972)		
Subtotal, Transfers			0	69,242
Adjustments to Base:				
<u>Adjustments</u>				
Terminations		(412,075)		
Restoration of FY 2006 Unobligated Balance Rescissions		11,629		
Partial Restoration of Rescissions		30,440		
Technical Adjustment - PAC WFO construction to facilities		1,000		
Subtotal, Adjustments			0	(369,006)
<u>Other Cost Changes</u>				
2006 Pay raise		4,662		
2007 Pay raise		17,423		
Payment to Working Capital Fund		290		
OMAO Wage Marine Overtime on NOAA Ships		96		
Full year costs in FY 2007 of positions financed for part-year in FY 2006	7	485		
Civil Service Retirement System(CSRS)		(1,737)		
Federal Employees' Retirement System(FERS)		5,946		
Thrift Savings Plan		496		
Federal Insurance Contributions Act (FICA) -OASDI		1,372		
Health insurance		4,652		
Employees' Compensation Fund		560		
Travel:				
Per diem		565		
Mileage		102		
Rent payments to GSA		935		
Printing and reproduction		64		
NARA		(76)		
Other services:				
Working Capital Fund		234		
Commerce Business System		384		

	<u>Detailed</u>		<u>Summary</u>	
	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
General Pricing Level Adjustment:				
Transportation of things		\$241		
Rental payments to others		286		
Communications, utilities and miscellaneous		896		
Other services		11,683		
Supplies		1,561		
Equipment		618		
Grants		488		
NOAA Norman Facility - OAR		770		
Fuel Costs - OMAO		2,827		
Subtotal, other cost changes			7	\$55,823
Less Amount Absorbed			0	(42,724)
TOTAL, ADJUSTMENTS TO BASE			7	(286,665)
2007 Base			11,788	2,445,942
Program Changes			59	232,901
TOTAL REQUIREMENTS			11,847	2,678,843
Recoveries from prior year obligations in FY 2007				(11,000)
Transfers:				
From Promote and Develop American Fishery Products and Research				(77,000)
From Coastal Zone Management Fund				(3,000)
2007 APPROPRIATION			11,847	2,587,843

Comparison by Activity

	2006 Currently Avail.		2007 Base		2007 Estimate		Increase / Decrease	
	FTE	Amount	FTE	Amount	FTE	Amount	FTE	Amount
DIRECT OBLIGATIONS								
National Ocean Service	1,219	\$505,019	1,221	\$358,182	1,227	\$394,455	6	\$36,273
National Marine Fisheries Service	2,552	685,528	2,552	567,924	2,587	648,988	35	81,064
Oceanic & Atmospheric Research	710	373,463	714	301,027	714	338,273	0	37,246
National Weather Service	4,597	753,603	4,597	746,001	4,606	783,446	9	37,445
National Environmental Satellite, Data & Information Service	717	180,529	717	144,594	717	149,579	0	4,985
Program Support	1,986	362,885	1,987	328,214	1,996	364,102	9	35,888
DIRECT OBLIGATIONS	11,781	2,861,027	11,788	2,445,942	11,847	2,678,843	59	232,901
NOAA Corp Retirement (mandatory)	0	18,504	0	19,322	0	19,322	0	0
TOTAL DIRECT OBLIGATIONS	11,781	2,879,531	11,788	2,465,264	11,847	2,698,165	59	232,901
REIMBURSABLE OBLIGATIONS								
Offsetting Collections	815	287,443	815	242,444	815	242,444	0	0
TOTAL OBLIGATIONS	12,596	3,166,974	12,603	2,707,708	12,662	2,940,609	59	232,901
FINANCING								
Federal Funds	0	(186,444)	0	(186,444)	0	(186,444)	0	0
Non-Federal Funds	0	(56,000)	0	(56,000)	0	(56,000)	0	0
Deobligations	0	0	0	(11,000)	0	(11,000)	0	0
Subtotal, Financing	0	(346,621)	0	(253,444)	0	(253,444)	0	0
TOTAL BUDGET AUTHORITY	12,596	2,820,353	12,603	2,454,264	12,662	2,687,165	59	232,901
Unobligated balance rescission	0	11,629	0	0	0	0	0	0
Transfers / Mandatory	0	(87,746)	0	(99,322)	0	(99,322)	0	0
APPROPRIATION, ORF	12,596	2,744,236	12,603	2,354,942	12,662	2,587,843	59	232,901

Highlights of Major Program Changes

<u>National Ocean Service (NOS)</u>	Base		Increase / Decrease	
	FTE	Amount	FTE	Amount
Navigation Services	608	\$120,205	+5	+\$19,902

These increases will improve and expand NOAA's ability to provide navigational services, including: repair and harden NWLON stations, strengthening their ability to provide information during extreme weather events (0 FTE; +\$2,000); maintain and expand the Physical Oceanographic Real-Time System (PORTS) (0 FTE; +\$715); implement the National Vertical Datum Transformation Tool (VDATUM) database (+2 FTE; +\$2,000); improve data collection and processing for hydrographic and shoreline data (+1 FTE; +\$1,000); increase the contiguous Electronic Navigational Chart (ENC) coverage of U.S. waters (0 FTE; +\$1,890); collect and process an additional 500 square miles of hydrographic survey data (0 FTE; +\$10,487); and expand the regional component of the Navigation Response Teams (NRTs) (+2 FTE; +\$1,810).

Ocean Resources Conservation & Assessment	418	\$114,776	0	+\$11,669
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These increases will support regional expansion of the Coastal Storms program (0 FTE; +\$1,653); augment state and territory grants for implementation of Local Action Strategy priority projects for the Coral Reef Program (0 FTE; +\$962);

restore Response and Restoration capacities (0 FTE; +\$2,794); continue clean-up operations on the Pribilof Islands (0 FTE; +\$300); and fund research requirements of the Harmful Algal Bloom Research and Control Act (0 FTE; +\$5,960).

	<u>Base</u>		<u>Increase / Decrease</u>	
	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
Ocean and Coastal Management	195	\$123,201	+1	+\$4,702

These increases will support the Coastal Zone Management grants program, including support state participation in key U.S. Ocean Action Plan actions (0 FTE; +\$2,849); administer the CZMA and support the expansion of the National Estuarine Research Reserve System (NERRS) with a new reserve in Texas (+1 FTE; +\$628); provide operational funds for the new Texas NERR (0 FTE; +\$575); and support key science and analysis efforts in the Marine Protected Areas (0 FTE; +\$650).

National Marine Fisheries Service (NMFS)

Protected Species Research and Management	646	\$122,428	+11	+\$22,496
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These increases focus on programs such as researching the impacts of ocean noise, take reduction planning, recovery planning, ESA section 7 consultations, permitting and other mandatory status reviews (+2 FTE; +\$2,825); protected species stock assessments and mortality assessments and reduce bycatch of protected species (+5 FTE; +\$3,000); monitoring dolphin and large whale stocks (0 FTE; +\$1,759); researching marine turtles (0 FTE; +\$650); studying other protected species such as marine fish, plants and invertebrates (+4 FTE; \$+3,153); and implementing Atlantic and Pacific Salmon recovery plans (0 FTE; +\$11,109).

Fisheries Research and Management	1,422	\$265,746	+22	+\$25,916
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These increases will support a comprehensive program of rules, regulations, conditions, methods, fishery management plans, and other science-based measures, including the Regulatory Streamlining Program to improve the quality and timeliness of regulatory processes (+7 FTE; +\$2,829); research and monitoring of highly migratory species (0 FTE; +\$3,000); conduct catch and release research (0 FTE; +\$1,000); enhance economic and socio-cultural data collection programs (+7 FTE; +\$6,518); increasing the capacity of the Regional Fishery Management Councils and develop designated access programs (DAP) (0 FTE; +\$3,047); providing sufficient funds for fisheries oceanography and grant programs (0 FTE; +\$500); expanding annual stock assessments, especially in the Gulf of Mexico (+8 FTE; +\$7,550); supporting the collection, management, and dissemination of statistical data and information on marine commercial and recreational fisheries-fish info network (0 FTE; +\$2,109); administering three research and monitoring programs in the Pacific and Atlantic Ocean-survey and monitoring (0 FTE; +\$1,168); and providing grants to study anadromous species (0 FTE; +\$100). There is also a decrease for salmon management activities (0 FTE; -\$1,905).

Enforcement Observers/Training	249	\$73,224	+2	+\$7,473
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These increases are for activities that: assure compliance with the laws and regulations promulgated to conserve and protect our nation’s living marine resources, including increasing observer coverage (+2 FTE; +\$3,494); and provide sufficient funds for enforcement activities (0 FTE; +\$3,979).

Habitat Conservation and Restoration	235	\$28,698	0	+\$11,198
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These increases include funding for the Open Rivers Initiative to remove obsolete river barriers and enhance populations of key NOAA trust species (0 FTE; +\$6,000); research on the establishment of hydropower and its relationship to migrating fish (0 FTE; +\$3,698); and a Great Lakes Restoration Program (0 FTE; +\$1,500).

Other Activities Supporting Fisheries	0	\$48,104	0	+\$7,257
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This increase provides sufficient funding for various activities supporting fisheries including: study of climate regimes and ecosystem productivity (0 FTE; +\$501); information analyses and dissemination (0 FTE; +\$626); computer hardware/software (0 FTE; +\$1,383); cooperative research (+0 FTE; +\$994); and the Southeast Area Monitoring & Assessments Program (0 FTE; +\$3,753).

	<u>Base</u>		<u>Increase / Decrease</u>	
	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
Alaska Composite	0	\$29,724	0	+\$6,724

This increase supports activities in the Alaska region – including funding for administrative and support services and grants. This funding will allow NOAA, the State of Alaska, and our Alaskan partners – Alaska Native organizations, academia, and non-governmental organizations – to conduct scientific and management activities to ensure future sustainable and abundance-based harvest of certain living marine resources. Funding will also support continued longstanding efforts to monitor the recovery of select pinniped and marine mammal species such as Steller sea lions and beluga whales.

Oceanic and Atmospheric Research (OAR)

Climate Research	354	\$163,442	0	+\$17,709
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These increases are in support of the Nation’s Climate Change Science Program to restore funding for the climate research being conducted and climate data analysis including expanded monitoring of carbon sources and sinks, continued implementation of the global ocean observing system and more integrated information about water supply for improved drought management and planning.

Weather and Air Quality Research	184	\$36,796	0	+\$4,434
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This increase will support NOAA’s weather and air quality research, specifically Regional Air Quality Assessments and severe storm research.

Ocean, Coastal, and Great Lakes Research	163	\$94,347	0	+\$8,629
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These increases, in support of NOAA’s Ecosystems mission, are for the National Undersea Research Program (0 FTE; +\$4,990) in order to sustain a viable two-coast national program of undersea research, the NOAA Ocean Exploration Program (0 FTE; +\$1,513), Sea Grant(0 FTE; +\$741), the NOAA Aquatic Invasive Species Program (0 FTE; +\$1,506) as well as reductions to base laboratory and cooperative institute activities (0 FTE; -\$121).

Information Technology R&D, and Science Education	13	\$6,442	0	+\$6,474
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This increase will support information technology R&D, specifically for High Performance Computing and Communication in order to meet high priority mission goals in such areas of national concern as hurricane prediction.

National Weather Service (NWS)

Operations and Research (O&R)	4,415	\$659,202	9	+\$28,654
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These increases will: operate and maintain the seven new weather data buoys funded under the FY 2005 Hurricane Supplemental Appropriation (0 FTE; +\$1,400); sustain the Administration’s commitment to strengthen the U.S. Tsunami Warning Program (+4 FTE; +\$12,360); transfer the NOAA Wind Profilers from research to operations (+5 FTE; +\$3,500); expand the multi-year effort to improve aviation weather services (0 FTE; +\$1,200); improve air quality forecasting (0 FTE; +\$2,500); support efforts to sustain the Cooperative Observer Network (0 FTE; +\$890); improve services at the Space Environment Center (0 FTE; +\$3,199); increase the amount of weather research under the U.S. Weather Research Program – THORPEX (0 FTE; +\$2,457); support the Pacific Island Compact (0 FTE; +\$50); and improve advanced hydrological prediction services (0 FTE; +\$1,098).

	<u>Base</u>		<u>Increase / Decrease</u>	
	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
Systems Operations & Maintenance	182	\$86,799	0	+\$8,791

These increases will implement a network solution that resolves an existing single-point-of-failure associated with the commercial service provider to the Telecommunications Gateway (0 FTE; +\$2,500) and provide for necessary operations and maintenance services for the NEXRAD (0 FTE; +\$2,830) and AWIPS (0 FTE; +\$3,461) systems.

National Environmental, Satellite, Data, and Information Service (NESDIS)

Environmental Satellite Observing Systems	414	\$99,515	0	-\$1,845
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This net decrease reflects decreases for NOAA operational support of non-NOAA satellites and the planned phase out of the Global Winds Demo Project. This amount also includes an increase to restore Coral Reef Monitoring resources to provide products that are necessary to comply with Executive Order 13089, the Coral Reef Conservation Act of 2000, and the U.S. Ocean Action plan.

NOAA Data Centers & Information Services	303	\$45,079	0	+\$6,830
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This increase will carry out data archive, access and assessment activities, allowing NOAA to provide numerous data sets at all three centers. Without this additional funding, operations will be severely restricted at NOAA's National Data Centers, affecting the timeliness and quality of service to over 50,000 users from the private sector, academia, and government.

Program Support

Corporate Services	1,001	\$178,180	+2	+\$13,746
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This increase will provide sufficient funds for NOAA-wide General Counsel support as well as for dedicated, on-site legal support for activities in the Pacific Islands Region (+2 FTE; +\$2,737). An increase is also requested for administrative support services to the individual line offices (0 FTE; +\$8,959), and for implementation of agency-wide information technology security (0 FTE; +\$2,050).

NOAA Education Program	0	\$15,212	0	+\$4,100
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This increase is to provide dedicated funding for the Nancy Foster Scholarship program (0 FTE; +\$400) and the Ernest F. Hollings Scholarship program (0 FTE; +\$3,700). These two programs are currently funded through taxes on other NOAA programs. The Budget includes statutory language to allow for direct appropriations.

Facilities Maintenance	0	\$9,568	0	+\$9,395
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This increase maintains NOAA facilities, provides coordinated capital investment planning and execution for NOAA construction projects, and provides program direction and oversight for NOAA's major construction program.

Environmental Compliance and Safety	0	\$2,359	0	+\$1,687
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This increase is to support a safe and environmentally compliant work environment as required by Federal, state and local laws, and to address the backlog of environmental cleanup projects.

	<u>FTE</u>	<u>Base</u> <u>Amount</u>	<u>Increase / Decrease</u> <u>FTE</u>	<u>Amount</u>
Maritime Crew Safety and Rotation	0	\$0	0	+\$800

This increase will enable NOAA to enhance safety aboard NOAA vessels and improve crew retention.

Newer additions to NOAA's fleet over the last two years have operational and maintenance cost that cannot be absorbed in NOAA's current budget. To address these requirements NOAA is requesting funds for fuel, supply, and crew needs (7 FTE; +\$4,500), as well as maintenance and spare parts (0 FTE; +\$2,992) for these new NOAA vessels.

Future Healthcare Benefits for Current Officers	0	\$2,012	0	-\$2,012
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This decrease reflects the funding of future healthcare benefits in a separate account, Medicare-Eligible Retiree Healthcare Contribution Fund.

Aviation Operations	102	\$18,547	0	+\$680
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This increase will provide ongoing support for instrumentation upgrades. The NOAA G-IV aircraft is being modified by adding extensive instrumentation in order to provide data to the National Weather Service (NWS) Hurricane Weather Research and Forecasting (HWRF) computer model. The upgrade effort is targeted for completion by the start of the 2007 hurricane season.

Detailed Comparison by Activity

	2006 Currently Avail.		2007 Base		2007 Estimate		Increase / Decrease	
	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
NATIONAL OCEAN SERVICE								
Navigation Services:								
Mapping & Charting	318	\$94,739	318	\$73,380	323	\$90,867	5	\$17,487
Geodesy	183	31,848	183	24,570	183	24,270	0	(300)
Tide and Current Data	107	24,654	107	22,255	107	24,970	0	2,715
Total, Navigation Services	608	151,241	608	120,205	613	140,107	5	19,902
Ocean Resources Conservation & Assessment:								
Ocean Assessment Program (OAP)	65	122,779	65	52,062	65	54,677	0	2,615
Response and restoration	112	37,882	112	21,642	112	24,736	0	3,094
NCCOS	239	53,796	241	41,072	241	47,032	0	5,960
Total, Ocean Res. Conservation & Assessment	416	214,457	418	114,776	418	126,445	0	11,669
Ocean & Coastal Management:								
Coastal Management	55	99,279	55	87,983	56	92,685	1	4,702
Marine sanctuary program	140	40,042	140	35,218	140	35,218	0	0
Total, Ocean & Coastal Management	195	139,321	195	123,201	196	127,903	1	4,702
TOTAL, NOS	1,219	505,019	1,221	358,182	1,227	394,455	6	36,273
NATIONAL MARINE FISHERIES SERVICE								
Protected Species Research & Management	646	146,885	646	122,428	657	144,924	11	22,496
Fisheries Research and Management	1,422	286,959	1,422	265,746	1,444	291,662	22	25,916
Enforcement & Observers/Training	249	82,448	249	73,224	251	80,697	2	7,473
Habitat Conservation & Restoration	235	47,459	235	28,698	235	39,896	0	11,198
Other Activities Supporting Fisheries	0	71,479	0	48,104	0	55,361	0	7,257
AK Composite Research and Develop.	0	50,298	0	29,724	0	36,448	0	6,724
TOTAL, NMFS	2,552	685,528	2,552	567,924	2,587	648,988	35	81,064
OCEANIC & ATMOSPHERIC RESEARCH								
Laboratories & Joint Institutions								
Climate Research	351	170,499	354	163,442	354	181,151	0	17,709
Weather and Air Quality Research	180	67,992	184	36,796	184	41,230	0	4,434
Ocean, Coastal and Great Lakes Research	166	128,190	163	94,347	163	102,976	0	8,629
Info Tech, R&D, and Science Education	13	6,780	13	6,442	13	12,916	0	6,474
TOTAL, OAR	710	373,463	714	301,027	714	338,273	0	37,246

	2006 Currently Avail.		2007 Base		2007 Estimate		Increase / Decrease	
	FTE	Amount	FTE	Amount	FTE	Amount	FTE	Amount
NATIONAL WEATHER SERVICE								
Operations & Research:								
Local Warnings & Forecasts	4,116	\$597,629	4,116	\$590,134	4,125	\$616,490	9	\$26,356
AHPS	0	4,931	0	4,939	0	6,037	0	1,098
Aviation Weather	0	3,632	0	3,453	0	4,653	0	1,200
WFO maintenance	0	8,277	0	7,316	0	7,316	0	0
Weather radio transmitters	0	2,546	0	2,297	0	2,297	0	0
Subtotal	4,116	617,014	4,116	608,139	4,125	636,793	9	28,654
Central Forecast Guidance	299	51,418	299	51,063	299	51,063	0	0
Total, Operations & Research	4,415	668,432	4,415	659,202	4,424	687,856	9	28,654
Systems Operation and Maintenance:								
Public Warning & Forecast Systems								
NEXRAD	114	39,946	114	40,929	114	43,759	0	2,830
ASOS	32	8,498	32	8,716	32	8,716	0	0
AWIPS	36	33,611	36	34,142	36	37,603	0	3,461
NWSSTG backup - CIP	0	3,009	0	3,012	0	5,512	0	2,500
All Systems Operations & Maintenance	0	107	0	0	0	0	0	0
Total, Systems Oper. & Maint.	182	85,171	182	86,799	182	95,590	0	8,791
TOTAL, NWS	4,597	753,603	4,597	746,001	4,606	783,446	9	37,445
NATIONAL ENVIRONMENTAL SATELLITE								
DATA & INFORMATION SERVICE								
Environmental Satellite Observing Systems:								
Satellite command and control	179	44,611	179	44,588	179	43,788	0	(800)
Product processing and distribution	126	27,661	126	27,670	126	27,270	0	(400)
Product develop, readiness & appl.	103	32,244	103	25,416	103	24,771	0	(645)
IGEB	0	224	0	0	0	0	0	0
Commercial remote sensing	2	1,307	2	1,240	2	1,240	0	0
Remote Sensing Center	0	1,972	0	0	0	0	0	0
Office of Space Commercialization	4	591	4	601	4	601	0	0
Total, Environmental Satellite Observing Systems	414	108,609	414	99,515	414	97,670	0	(1,845)
NOAA Data Centers & Information Services:								
Archive, access & assessment	290	48,661	290	31,187	290	38,017	0	6,830
Coastal data development	0	5,408	0	4,546	0	4,546	0	0
Regional climate centers	0	2,960	0	0	0	0	0	0
International Pacific Research Ctr.	0	1,972	0	0	0	0	0	0
Pacific Ocean and Environmental Info. '1	0	2	0	0	0	0	0	0
Environmental data sys. modern.	13	9,663	13	9,346	13	9,346	0	0
National Climatic Data Center	0	296	0	0	0	0	0	0
Integrated Env. Appl. & Info. Ctr.	0	2,959	0	0	0	0	0	0
Tot., NOAA Data Centers & Info. Serv.	303	71,920	303	45,079	303	51,909	0	6,830
TOTAL, NESDIS	717	180,529	717	144,594	717	149,579	0	4,985

	2006 Currently Avail.		2007 Base		2007 Estimate		Increase / Decrease	
	FTE	Amount	FTE	Amount	FTE	Amount	FTE	Amount
PROGRAM SUPPORT								
Corporate Services:								
Under Secretary & Assoc. Office	226	\$26,515	226	\$26,550	228	\$29,287	2	\$2,737
NOAA Wide Svcs & Agency Mgmt.	774	152,367	775	151,630	775	160,589	0	8,959
Office of Chief Information Officer	0	0	0	0	0	2,050	0	2,050
Sub-total, Corporate Services	1,000	178,882	1,001	178,180	1,003	191,926	2	13,746
NOAA Education Program	0	38,495	0	15,212	0	19,312	0	4,100
Facilities:								
Facilities Mgmt, Construct & Maint.	0	8,837	0	9,568	0	18,963	0	9,395
Environmental Compliance & Safety	0	2,367	0	2,359	0	4,046	0	1,687
Sub-total, Facilities	0	11,204	0	11,927	0	23,009	0	11,082
Total, Corporate Services	1,000	228,581	1,001	205,319	1,003	234,247	2	28,928
PROGRAM SUPPORT								
Office of Marine and Aviation Operations (OMAO)								
Marine Operations								
Marine Services	881	96,242	881	88,177	888	93,477	7	5,300
Fleet planning & maintenance	3	15,065	3	14,159	3	17,151	0	2,992
Sub-total, Marine Ops & Maint.	884	111,307	884	102,336	891	110,628	7	8,292
Aviation Operations								
Aircraft services	102	21,012	102	18,547	102	19,227	0	680
Sub-total, Aircraft Operations	102	21,012	102	18,547	102	19,227	0	680
NOAACorps pension & health benefits	0	1,984	0	2,012	0	0	0	(2,012)
Total, OMAO	986	134,304	986	122,895	993	129,855	7	6,960
TOTAL, PROGRAM SUPPORT	1,986	362,885	1,987	328,214	1,996	364,102	9	35,888
DIRECT OBLIGATIONS								
NOAA Corps retirement pay (mand.)	0	18,504	0	19,322	0	19,322	0	0
TOTAL DIRECT OBLIGATIONS	11,781	2,861,027	11,788	2,445,942	11,847	2,678,843	59	232,901
REIMBURSABLE OBLIGATIONS								
Offsetting collections	815	287,443	815	242,444	815	242,444	0	0
TOTAL OBLIGATIONS, ORF	12,596	3,166,974	12,603	2,707,708	12,662	2,940,609	59	232,901
FINANCING								
Unobligated balance, start of year	0	(104,177)	0	0	0	0	0	0
Federal funds	0	(186,444)	0	(186,444)	0	(186,444)	0	0
Non-Federal funds	0	(56,000)	0	(56,000)	0	(56,000)	0	0
De-obligations (direct)	0	0	0	(11,000)	0	(11,000)	0	0
Subtotal, Financing	0	(346,621)		(253,444)		(253,444)	0	0
TOTAL BUDGET AUTHORITY, ORF	12,596	2,820,353	12,603	2,454,264	12,662	2,687,165	59	232,901

	2006 Currently Avail.		2007 Base		2007 Estimate		Increase / Decrease	
	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
Unobligated balance, rescission	0	\$11,629	0	\$0	0	\$0	0	\$0
FINANCING FROM:								
NOAA Corps retirement pay (mandatory)	0	(18,504)	0	(19,322)	0	(19,322)	0	0
From Promote and Develop American Fisheries	0	(67,000)	0	(77,000)	0	(77,000)	0	0
From Coastal Zone Management Fund	0	(3,000)	0	(3,000)	0	(3,000)	0	0
From Pacific Coastal Salmon Recovery	0	(67)	0	0	0	0	0	0
From Fisheries Finance Program Acct	0	0	0	0	0	0	0	0
From Procurement, Acquisition and Con To Fisheries Finance Program Acct	0	(1,147)	0	0	0	0	0	0
Subtotal, Transfers / Mandatory	0	(87,746)	0	(99,322)	0	(99,322)	0	0
APPROPRIATION, ORF	12,596	2,744,236	12,603	2,354,942	12,662	2,587,843	59	232,901

Appropriation: Procurement, Acquisition and Construction**Summary of Requirements**

	<u>Detailed</u>		<u>Summary</u>	
	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
2006 Appropriation			174	\$1,147,319
FY 2006 Unobligated Balance Rescission				(13,371)
Transfers:				
To ORF - Hollings Scholarship		(\$1,147)		
To NASA - Construction		(26,629)		
Subtotal, Transfers				(27,776)
Adjustments to Base				
Adjustments				
Terminations		(206,818)		
Restoration of Unobligated Balance Rescission		13,371		
Restoration of Rescissions		2,288		
Technical Adjustment - WFO Construction to ORF Facilities		(1,000)		
Total Adjustments			0	(192,159)
TOTAL, ADJUSTMENTS TO BASE			0	(219,935)
2007 Base			174	914,013
Program Changes			7	112,454
TOTAL REQUIREMENTS			181	1,026,467
Recoveries from prior year obligations (FY 2007)				(2,000)
2007 APPROPRIATION			181	1,024,467

Comparison by Activity

	2006 Available		2007 Base		2007 Estimate		Increase / Decrease	
	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
DIRECT OBLIGATIONS								
National Ocean Service								
Construction / Acquisition								
Coastal and Estuarine Land Conserv. Prg.	0	\$41,636	0	\$0	0	\$0	0	\$0
NERRS	0	16,238	0	4,873	0	7,178	0	2,305
Marine Sanctuaries	0	15,997	0	0	0	5,495	0	5,495
Other NOS Construction/Acquisition	0	32,724	0	0	0	0	0	0
Total, NOS PAC	0	106,595	0	4,873	0	12,673	0	7,800
National Marine Fisheries Service								
Systems Acquisition / Construction								
Fleet Replacement	0	40,556	0	0	0	0	0	0
Total, NMFS PAC	0	40,556	0	0	0	0	0	0
Oceanic and Atmospheric Research								
Systems Acquisition								
Construction	0	11,569	0	9,395	0	10,379	0	984
Total, OAR PAC	0	11,569	0	9,395	0	10,379	0	984
National Weather Service								
Systems Acquisition								
Construction	54	85,038	54	71,576	54	66,611	0	(4,965)
Total, NWS PAC	54	107,010	54	92,355	54	98,420	0	6,065
National Environmental Satellite, Data & Information Service:								
Systems Acquisition								
Geostationary Satellites	41	359,955	41	335,568	41	439,607	0	104,039
Polar-Orbiting Systems - POES	31	101,390	31	101,767	31	89,906	0	(11,861)
Polar-Orbiting Systems - NPOESS	43	317,068	43	317,592	43	337,870	0	20,278
EOS data processing & archiving	0	2,966	0	990	0	990	0	0
NESDIS CIP - single pt. of failure	0	2,798	0	2,772	0	2,772	0	0
NESDIS Systems Acquisition	0	8,876	0	6,476	0	6,476	0	0
NPOESS Preparatory Data Exploitation	0	4,437	0	4,455	0	4,455	0	0
Subtotal	115	797,490	115	769,620	115	882,076	0	112,456
Construction	0	3,358	0	2,228	0	2,228	0	0
Total, NESDIS PAC	115	800,848	115	771,848	115	884,304	0	112,456

	2006 Available		2007 Base		2007 Estimate		Increase / Decrease	
	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
Program Support/ Corporate Services								
Corporate Services	0	\$288	0	\$0	0	\$0	0	\$0
Integrated Ocean Observing System	0	17,730	0	0	0	0	0	0
Construction	0	19,725	0	0	0	0	0	0
Subtotal	0	37,743	0	0	0	0	0	0
Program Support/ Office of Marine & Aviation Operations								
Fleet Replacement	5	77,022	5	35,542	12	20,691	7	(14,851)
Aircraft Replacement	0	23,866	0	0	0	0	0	0
Subtotal	5	100,888	5	35,542	12	20,691	7	(14,851)
Total, Program Support, PAC	5	138,631	5	35,542	12	20,691	7	(14,851)
TOTAL OBLIGATIONS, PAC	174	1,205,209	174	914,013	181	1,026,467	7	112,454
Unobligated balance, start of year	0	(99,037)						
De-obligations	0	0	0	(2,000)	0	(2,000)	0	0
BUDGET AUTHORITY, PAC	174	1,106,172	174	912,013	181	1,024,467	7	112,454
Transfers (NASA + Hollings)	0	27,776	0	0	0	0	0	0
Unobligated balance, rescission	0	13,371	0	0	0	0	0	0
APPROPRIATION, PAC	174	1,147,319	174	912,013	181	1,024,467	7	112,454

Highlights of Program Changes

Procurement, Acquisition and Construction (PAC)

The PAC account captures the cost of acquiring and improving capital assets used by NOAA in carrying out its varied missions. This account is grouped by line office into three common activities: "Systems Acquisition" which contains projects associated with modernizing NOAA's weather and climate programs, including satellite procurement; "Construction" which contains projects involving new construction, or major modification of existing facilities; and "Fleet and Aircraft Replacement" which contains funding to support modernization of NOAA's fleet of ships and aircraft either through new construction, major modification to existing assets, or long-term acquisition of capacity from third parties.

National Ocean Service (NOS)

	<u>Base</u>		<u>Increase / Decrease</u>	
	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
National Estuarine Research Reserve System Construction and Land Acquisition	0	\$4,873	0	+\$2,305

This increase will maintain the required level of funding to support the Federal-state partnership in NERRS-related discretionary land acquisition and construction projects.

Marine Sanctuaries Construction	0	\$0	0	+\$5,495
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This increase will provide for ongoing construction and repair projects within the National Marine Sanctuary system.

Office of Oceanic & Atmospheric Research (OAR)

	<u>FTE</u>	<u>Base</u>	<u>Increase / Decrease</u>	
		<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
Research Supercomputing/Climate Change Computing Initiative	0	\$9,395	0	+\$984

This increase will support NOAA's Research Supercomputing capability at NOAA's Geophysical Fluid Dynamics Laboratory in Princeton, NJ.

National Weather Service (NWS)

System Acquisition	54	\$71,576	0	-\$4,965
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This decrease reflects a planned change in implementation strategy for: Automated Surface Observing System (ASOS) (0 FTE; -\$700); an extended deployment schedule for Radiosonde Network Replacement (0 FTE; -\$333); a termination of the NWS Coastal Global Observing System (0 FTE; -\$1,492); and completed buoy deployments for the U.S. Tsunami Warning Program (0 FTE; -\$2,440).

Construction	0	\$20,779	0	+\$11,030
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This increase will prepare the NOAA Center for Weather and Climate Prediction for FY 2008 occupancy and operations (0 FTE; +\$11,000) and support WFO construction activities (0 FTE; +\$30).

National Environmental Satellite, Data and Information Service (NESDIS)

Geostationary Operational Environmental Satellite (GOES)	41	\$335,568	0	+\$104,039
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A net increase (0 FTE; +104,039) is requested for NOAA's Geostationary Operational Environmental Satellite program, which includes an increase to continue the GOES-R series system acquisition (0 FTE; +\$113,442). The GOES-R series will be the next generation follow-on to the current GOES-N series satellites. Reductions are requested to reflect decreasing costs in the current GOES-I-M series, as FY 2006 was the last year of funding for this satellite series (0 FTE; -\$600), and decreased funding requirements for the development, procurement, and launch of the next three GOES satellites - the GOES-N series (0 FTE; -\$8,803).

Polar-orbiting Operational Environmental Satellite (POES)	31	\$101,767	0	-\$11,861
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This decrease is for the continuation of the POES programs. POES is nearing the end of its production, with one remaining satellite to be launched, along with support for the commissioning of the first METOP satellite in FY 2007.

National Polar-orbiting Operational Environmental Satellite System (NPOESS)	43	\$317,592	0	+\$20,278
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This increase is to continue the tri-agency NPOESS program that will replace the NOAA POES program after completion of the current NOAA-K-N series of satellites. This represents NOAA's share of a converged NOAA/DoD/NASA program. Funds are required to continue the development and production of the NPOESS instruments, including the Visible Infrared Image radiometer (VIIRS), the Conical Microwave Imager Sounder (CMIS), the Cross-track Infrared Sounder (CrIS), the Ozone, Mapping and Profiler Suite (OMPS), the Aerosol Polarimetry Sensor (APS), and the Space Environmental Sensing Suite (SESS).

Program Support / Office of Marine and Aviation Operations

	<u>Base</u>		<u>Increase / Decrease</u>	
	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
Fisheries Survey Vessels	5	\$32,356	0	-\$18,565

A net decrease in funding is requested for the Fisheries Survey Vessel (FSV) program. This includes an increase to restore funds congressionally rescinded in previous years (0 FTE; +\$1,000). A decrease is requested for the FSV 4 Fisheries Survey Vessel (0 FTE; -\$19,565), reflecting decreased requirements as the ship nears completion.

Hydro Survey Launch Construction	0	\$0	0	+\$2,400
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This increase is for the construction of two hydrographic survey launches equipped with multibeam sonar equipment. These survey launches significantly increase the capacity of the NOAA fleet to collect hydrographic data. They are a force multiplier that contributes to the reduction of NOAA's backlog of navigationally significant areas.

Berthing and Calibration for HENRY BIGELOW	0	\$0	+7	+\$4,500
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This increase will address both temporary and permanent berthing issues associated with delivery of NOAA's second new Fisheries Survey Vessel, HENRY B. BIGELOW (0 FTE; +\$1,000) and for operational and maintenance costs to calibrate HENRY B. BIGELOW (FSV 2) with the ship it eventually will replace, ALBATROSS IV, which is 45 years old. BIGELOW is scheduled for delivery in June, 2006 (+7 FTE; +\$3,500).

Upgrades for NANCY FOSTER, HIALAKAI	0	\$3,186	0	-\$3,186
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This decrease is requested as the project will be completed in FY 2006.

Appropriation: Pacific Coastal Salmon Recovery**Summary of Requirements**

	<u>Detailed</u>		<u>Summary</u>	
	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
2006 Appropriation			0	\$66,638
Transfers:				
To ORF	0	(\$67)		
Total, Transfers			0	(67)
Adjustments:				
Restoration of FY 2006 Rescissions				254
2007 Base			0	66,825
Program Changes			0	0
2007 APPROPRIATION			0	66,825

Comparison by Activity

	2006 Currently Avail.		2007 Base		2007 Estimate		Increase / Decrease	
	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
DIRECT OBLIGATIONS								
Grants	0	\$66,571	0	\$66,825	0	\$66,825	0	\$0
TOTAL OBLIGATIONS	0	66,571	0	66,825	0	66,825	0	0
FINANCING								
Transfer to ORF	0	67	0	0	0	0	0	0
Unobligated balance, start of year	0	0	0	0	0	0	0	0
TOTAL APPROPRIATION	0	66,638	0	66,825	0	66,825	0	0

This account funds Pacific Coastal Salmon Recovery for the purpose of helping share the costs of State, Tribal and local conservation initiatives. State and local recipients of this funding will provide matching contributions of at least thirty-three percent of the Federal funds. In addition, funds will be available to Tribes that do not require matching dollars. The Secretary will establish terms and conditions for the effective use of the funds and specific reporting requirements appropriate for ensuring proper accountability of the funds provided.

Appropriation: Limited Access System Administration Fund*Summary of Requirements*

	<u>Summary</u>	
	<u>FTE</u>	<u>Amount</u>
2006 Appropriation	0	\$7,444
Adjustments to Base	0	0
2007 Base	0	7,444
Program Changes	0	0
2007 MANDATORY APPROPRIATION	0	7,444

Comparison by Activity

	2006 Currently Avail.		2007 Base		2007 Estimate		Increase / Decrease	
	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
DIRECT OBLIGATIONS	0	\$11,796	0	\$7,444	0	\$7,444	0	\$0
TOTAL OBLIGATIONS	0	11,796	0	7,444	0	7,444	0	0
FINANCING								
Unobligated balance, start of year	0	(4,352)	0	0	0	0	0	0
TOTAL BUDGET AUTHORITY / APPROPRIATION	0	7,444	0	7,444	0	7,444	0	0

This fund was established by Title III of Public Law 104-297. Fee collections equaling no more than one-half percent of the proceeds from the sale or transfer of limited access system fishing permits are deposited into the Fund. These deposits to the Fund are used to administer an exclusive central registry system for the limited access system permits.

Appropriation: Fishermen's Contingency Fund**Summary of Requirements**

	<u>Summary</u>	
	<u>FTE</u>	<u>Amount</u>
2006 Appropriation	1	\$0
Adjustments to Base	0	0
2007 Base	1	0
Program Changes	0	0
2007 APPROPRIATION	1	0

Comparison by Activity

	2006 Currently Avail.		2007 Base		2007 Estimate		Increase / Decrease	
	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
DIRECT OBLIGATIONS								
Administrative Expenses	1	\$453	1	\$441	1	\$441	0	\$0
Payment of Claims & Other Services	0	0	0	0	0	0	0	0
TOTAL OBLIGATIONS	1	453	1	441	1	441	0	0
FINANCING								
Unobligated balance, start of year	0	(894)	0	(441)	0	(441)	0	0
Unobligated balance, end of year	0	441						
TOTAL APPROPRIATION	1	0	1	0	1	0	0	0

The Fishermen's Contingency Fund is used to compensate domestic fishermen for the damage or loss of fishing gear and resulting economic loss due to obstructions related to oil and gas exploration, development or production in the Outer Continental Shelf. The funds are derived from fees collected annually by the Secretary of the Interior from the holders of leases, explorations, permits, easements and rights of way. No new funds are proposed for this account, as remaining unobligated balances are sufficient to carry out this program for the year.

Appropriation: Foreign Fishing Observer Fund

Summary of Requirements

	<u>Summary</u>	
	<u>FTE</u>	<u>Amount</u>
2006 Appropriation	0	\$0
Adjustments to Base	0	0
2007 Base	0	0
Program Changes	0	0
2007 APPROPRIATION	0	0

Comparison by Activity

	2006 Currently Avail.		2007 Base		2007 Estimate		Increase / Decrease	
	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
DIRECT OBLIGATIONS	0	\$250	0	\$272	0	\$272	0	\$0
TOTAL OBLIGATIONS	0	250	0	272	0	272	0	0
FINANCING								
Unobligated balance, start of year	0	(522)	0	(272)	0	(272)	0	0
Unobligated balance, end of year	0	272	0	0	0	0	0	0

The Foreign Fishing Observer Fund provides observer coverage of foreign fishing activities within the 200-mile Exclusive Economic Zone. The fund is financed by fees collected from foreign governments with fishing vessels within the exclusive fishing jurisdiction of the United States. The fund is used to pay salaries, administrative costs, data entry and other expenses associated with the placement of observers aboard foreign fishing vessels. No new funds are proposed for this account, as remaining unobligated balances are sufficient to carry out this program for the year.

Appropriation: Fisheries Finance Program Account**Summary of Requirements**

	<u>Detailed</u>		<u>Summary</u>	
	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
2006 Appropriation			0	\$283
Transfers:				
From ORF		\$1,972		
To ORF		0		
Total, Transfers			0	1,972
Adjustments:				
Non-recurring item				(2,255)
2007 Base			0	0
Program Changes			0	0
2007 APPROPRIATION			0	0

Comparison by Activity

	2006 Currently Avail.		2007 Base		2007 Estimate		Increase / Decrease	
	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
DIRECT OBLIGATIONS								
Credit Reestimates	0	\$6,316	0	\$0	0	\$0	0	\$0
Cost of Loan Subsidy	0	2,255	0	0	0	0	0	0
TOTAL OBLIGATIONS	0	8,571	0	0	0	0	0	0
FINANCING								
Unobligated balance, start of year	0	(2,697)	0	(2,697)	0	(2,697)	0	0
Unobligated balance, end of year	0	2,697	0	2,697	0	2,697	0	0
Mandatory Appropriation	0	(6,316)	0	0	0	0	0	0
TOTAL BUDGET AUTHORITY	0	2,255	0	0	0	0	0	0
Subtotal, Transfers	0	(1,972)	0	0	0	0	0	0
TOTAL APPROPRIATION	0	283	0	0	0	0	0	0

This account was established in FY 1997 to cover the cost of financing direct loans as authorized by Title XI of the Merchant Marine Act of 1936. The President's Request proposes loan levels of \$5 million for individual fishing quotas, which does not require appropriated subsidy, as they have negative subsidy rates.

Appropriation: Promote and Develop American Fishery Products & Research Pertaining to American Fisheries

Summary of Requirements

	<u>Detailed</u>		<u>Summary</u>	
	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
2006 Appropriation			4	\$0
<u>Transfers</u>				
From Department of Agriculture		\$79,283		
To NOAA ORF		(67,000)		
Total, Transfers			0	12,283
Adjustments to Base			0	(10,000)
2007 Base			<u>4</u>	<u>2,283</u>
Program Changes			0	0
TOTAL REQUIREMENTS			<u>4</u>	<u>2,283</u>
<u>Transfers</u>				
From Department of Agriculture			0	(79,283)
To NOAA ORF			0	77,000
2007 APPROPRIATION			<u>4</u>	<u>0</u>

Comparison by Activity

	2006 Currently Avail.		2007 Base		2007 Estimate		Increase / Decrease	
	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
DIRECT OBLIGATIONS	4	\$12,940	4	\$2,283	4	\$2,283	0	\$0
TOTAL OBLIGATIONS	<u>4</u>	<u>12,940</u>	<u>4</u>	<u>2,283</u>	<u>4</u>	<u>2,283</u>	<u>0</u>	<u>0</u>
FINANCING								
Unobligated balance, start of year		(657)						
TOTAL BUDGET AUTHORITY	<u>4</u>	<u>12,283</u>	<u>4</u>	<u>2,283</u>	<u>4</u>	<u>2,283</u>	<u>0</u>	<u>0</u>
TRANSFERS								
From Dept of Agriculture	0	(79,283)	0	(79,283)	0	(79,283)	0	0
To NOAA ORF	0	67,000	0	77,000	0	77,000	0	0
TOTAL APPROPRIATION	<u>4</u>	<u>0</u>	<u>4</u>	<u>0</u>	<u>4</u>	<u>0</u>	<u>0</u>	<u>0</u>

The American Fisheries Promotion Act of 1980 authorized a grants program for fisheries research and development projects to be carried out with Saltonstall-Kennedy (S-K) funds. S-K funds are derived from duties on imported fisheries products; 30 percent of these duties are transferred from the Department of Agriculture to the Department of Commerce. The FY 2007 budget estimate of the transfer is \$79.3 million. Of this amount, \$2.3 million will be used for the grants program and the remaining \$77 million will be transferred to offset the ORF appropriation. This program supports the NOAA strategic plan goal to build sustainable fisheries.

Appropriation: Damage Assessment and Restoration Revolving Fund**Summary of Requirements**

	<u>Summary</u>	
	<u>FTE</u>	<u>Amount</u>
2006 Appropriation	16	\$1,000
Adjustments to Base	0	0
2007 Base	<u>16</u>	<u>1,000</u>
Program Changes	0	0
2007 MANDATORY BUDGET AUTHORITY	<u>16</u>	<u>1,000</u>

Comparison by Activity

	2006 Currently Avail.		2007 Base		2007 Estimate		Increase / Decrease	
	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
DIRECT OBLIGATIONS	16	\$20,853	16	\$4,000	16	\$4,000	0	\$0
REIMBURSABLE OBLIGATIONS	0	2,000	0	2,000	0	2,000	0	0
TOTAL OBLIGATIONS	<u>16</u>	<u>22,853</u>	<u>16</u>	<u>6,000</u>	<u>16</u>	<u>6,000</u>	<u>0</u>	<u>0</u>
FINANCING								
Estimated collections	0	(2,000)	0	(2,000)	0	(2,000)	0	0
Unobligated balance, start of year	0	(16,853)	0	0	0	0	0	0
Unobligated balance, end of year	0		0	0	0	0	0	0
Transfer of unobligated balances from DOI	0	(3,000)	0	(3,000)	0	(3,000)	0	0
TOTAL MANDATORY BUDGET AUTHORITY	<u>16</u>	<u>1,000</u>	<u>16</u>	<u>1,000</u>	<u>16</u>	<u>1,000</u>	<u>0</u>	<u>0</u>

This fund was established in 1990 to facilitate oil and hazardous material spill response, damage assessment and restoration activities for damages to natural resources for which NOAA serves as trustee. The Fund retains sums transferred by responsible parties or government entities for future use. The source of these funds are settlements and awards by the courts. Receipts from settlements are expected to be \$2.0 million in FY 2007.

Appropriation: Coastal Zone Management Fund*Summary of Requirements*

	<u>Summary</u>	
	<u>FTE</u>	<u>Amount</u>
2006 Appropriation	0	\$3,000
Adjustments to Base		0
Transfer to ORF	0	(3,000)
2007 Base	<u>0</u>	<u>0</u>
Program Change	0	0
TOTAL BUDGET AUTHORITY	<u>0</u>	<u>0</u>
Transfer to ORF	0	3,000
2007 APPROPRIATION	<u>0</u>	<u>3,000</u>

Comparison by Activity

	2006 Currently Avail.		2007 Base		2007 Estimate		Increase / Decrease	
	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
DIRECT OBLIGATIONS	0	\$0	0	\$0	0	\$0	0	\$0
TOTAL OBLIGATIONS	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
TOTAL APPROPRIATION	0	3,000	0	3,000	0	3,000	0	0
Transfer to ORF	0	(3,000)	0	(3,000)		(3,000)	0	0
Budget Authority, Discretionary		0	0	0	0	0	0	0
Less: Offsetting collections, Mandatory		(3,000)	0	(3,000)	0	(3,000)	0	0
TOTAL MANDATORY BUDGET AUTHORITY	<u>0</u>	<u>(3,000)</u>	<u>0</u>	<u>(3,000)</u>	<u>0</u>	<u>(3,000)</u>	<u>0</u>	<u>0</u>

In FY 2007, NOAA proposes to continue the transfer of authorized funding in the Coastal Zone Management Fund to the ORF account to offset the costs of implementing the Coastal Zone Management Act of 1972, as amended.

Appropriation: Federal Ship Financing Fund*Summary of Requirements*

	<u>Summary</u>	
	<u>FTE</u>	<u>Amount</u>
2006 Mandatory Budget Authority	0	(\$2,000)
Adjustments to Base	0	0
2007 Base	0	(2,000)
Program Changes	0	0
2007 MANDATORY BUDGET AUTHORITY	0	(2,000)

Comparison by Activity

	2006 Currently Avail.		2007 Base		2007 Estimate		Increase / Decrease	
	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
DIRECT OBLIGATIONS	0	\$3,000	0	\$3,000	0	\$3,000	0	\$0
TOTAL OBLIGATIONS	0	3,000	0	3,000	0	3,000	0	0
FINANCING								
Unobligated balance, start of year		0	0	0	0	0	0	0
Unobligated balance transfer to Misc. Receipts		0	0	0	0	0		
Less: offsetting collections	0	(5,000)	0	(5,000)	0	(5,000)	0	0
TOTAL MANDATORY BUDGET AUTHORITY	0	(2,000)	0	(2,000)	0	(2,000)	0	0

Premiums and fees collected under the Fishing Vessel Obligations Guarantee program for loan commitments made prior to October 1, 1991 are deposited in this fund to pay the costs of defaults, foreclosures, and federal up keep activities. Proceeds from the sale of collateral are also deposited in the fund for defaults on loans committed prior to October 1, 1991.

Appropriation: Environmental Improvement and Restoration Fund

Summary of Requirements

	<u>Summary</u>	
	<u>FTE</u>	<u>Amount</u>
2006 Appropriation	0	\$8,281
Adjustments for Reestimate	0	439
2007 Base	<u>0</u>	<u>8,720</u>
Program Change	0	0
2007 MANDATORY APPROPRIATION	<u>0</u>	<u>8,720</u>

Comparison by Activity

	2006 Currently Avail.		2007 Base		2007 Estimate		Increase / Decrease	
	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
DIRECT OBLIGATIONS	0	\$15,117	0	\$8,720	0	\$8,720	0	\$0
TOTAL OBLIGATIONS	<u>0</u>	<u>15,117</u>	<u>0</u>	<u>8,720</u>	<u>0</u>	<u>8,720</u>	<u>0</u>	<u>0</u>
FINANCING								
Unobligated balance, start of year		(6,836)						
TOTAL MANDATORY BUDGET AUTHORITY	<u>0</u>	<u>8,281</u>	<u>0</u>	<u>8,720</u>	<u>0</u>	<u>8,720</u>	<u>0</u>	<u>0</u>

This fund was established by Title IV of P.L. 105-83, the Department of the Interior and Related Agencies Appropriations Act, 1998. Twenty percent of the interest earned from this fund is made available to the Department of Commerce. Funds are to be used to provide grants to Federal, State, private or foreign organizations or individuals to conduct research activities on or relating to the fisheries or marine ecosystems in the North Pacific Ocean, Bering Sea, and Arctic Ocean. Research priorities and grant requests are reviewed and approved by the North Pacific Research Board with emphasis placed on cooperative research efforts designed to address pressing fishery management or marine ecosystem information needs. This program supports the NOAA strategic plan goal to protect, restore, and manage the use of coastal and ocean resources through ecosystem-based management.

Appropriation: Marine Mammal Unusual Mortality Event Fund**Summary of Requirements**

	<u>Summary</u>	
	<u>FTE</u>	<u>Amount</u>
2006 Appropriation	0	\$0
Adjustments to Base	0	0
2007 Base	0	0
Program Changes	0	0
2007 APPROPRIATION	0	0

Comparison by Activity

	2006 Currently Avail.		2007 Base		2007 Estimate		Increase / Decrease	
	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
DIRECT OBLIGATIONS	0	\$800	0	\$0	0	\$0	0	\$0
TOTAL OBLIGATIONS	0	800	0	0	0	0	0	0
FINANCING								
Unobligated balance, start of year	0	(800)	0	0	0	0	0	0
TOTAL BUDGET AUTHORITY / APPROPRIATION	0	0	0	0	0	0	0	0

In response to the death of more than 700 bottlenose dolphins on the East Coast of the United States in 1987-88, NMFS established the Marine Mammal Health and Stranding Response Program, and within it, the Working Group on Unusual Marine Mammal Mortality Events to determine when an unusual mortality event is occurring, and then to direct responses to such events. Funding from this account will be made available to members of the Marine Mammal Stranding Network for costs incurred in investigating the death of marine mammals.

Appropriation: Medicare-Eligible Retiree Healthcare Fund*Summary of Requirements*

	<u>Summary</u>	
	<u>FTE</u>	<u>Amount</u>
2006 Appropriation	0	\$1,645
Adjustments for Reestimate	0	367
2007 Base	<u>0</u>	<u>2,012</u>
Program Changes	0	0
2007 APPROPRIATION	<u>0</u>	<u>2,012</u>

Comparison by Activity

	2006 Currently Avail.		2007 Base		2007 Estimate		Increase / Decrease	
	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
DIRECT OBLIGATIONS	0	\$1,645	0	\$2,012	0	\$2,012	0	\$0
TOTAL OBLIGATIONS	<u>0</u>	<u>1,645</u>	<u>0</u>	<u>2,012</u>	<u>0</u>	<u>2,012</u>	<u>0</u>	<u>0</u>
FINANCING								
Unobligated balance, start of year	0		0	0	0	0	0	0
TOTAL BUDGET AUTHORITY / APPROPRIATION	<u>0</u>	<u>1,645</u>	<u>0</u>	<u>2,012</u>	<u>0</u>	<u>2,012</u>	<u>0</u>	<u>0</u>

This account includes amounts necessary to finance the cost of Tricare retirement health care benefits accrued by the active duty members of the NOAA Commissioned Corps. The Ronald W. Reagan National Defense Authorization Act for 2005 (P.L. 108-375) provided permanent, indefinite appropriations to finance these costs for all uniformed service members. Previously the Operations, Research, and Facilities account was required to pay the accruing costs using annual appropriations. As these costs are borne in support of NOAA's mission, they will be shown as part of the NOAA discretionary total. The 2007 appropriations requested in the Operations, Research, and Facilities account to fund the NOAA Commissioned Corps exclude funding to make the health accrual payments. Total obligations on behalf of active NOAA Commissioned Corps personnel include both the wages and related amounts requested for appropriation and amounts paid from the permanent, indefinite authority.

NOAA Performance Measures

For FY 2007, NOAA has identified a series of performance measures that can be used to assess the effectiveness of its program activities. This list of measures focuses on NOAA's priority programs and program goals and can be expected to evolve over time as NOAA, the Department, and the Administration continue to refine and develop effective performance measures to use as a key management tool, and to implement the Government Performance and Results Act and the President's Management Agenda for Budget and Performance Integration.

NOAA contributes to the third Departmental Strategic Goal: Observe, Protect, and Manage the Earth's Resources to Promote Environmental Stewardship. To track progress in the implementation of NOAA's Strategic Plan for 2006 - 2011 and its annual performance, NOAA developed performance measures for each of the four performance mission goals. NOAA has strived to make these measures an indication of the outcomes of its programs, and they are among important benchmarks used by NOAA to track progress in meeting its goals and objectives. The following table shows the measures that NOAA uses to gauge its performance. A more detailed description of these goals and measures is in the NOAA section of the Department of Commerce budget.

Performance Goals (Obligations) and Measures (Targets)

(Dollars in millions)

	2005 <u>Actual</u>	2006 <u>Estimate / Target</u>	2007 <u>Estimate / Target</u>
Goal 1: Protect, Restore and Manage the use of Coastal and Ocean resources through Ecosystem approach to management	\$1,385.2	\$1,285.6	\$1,100.6
Fish Stock Sustainability Index (FSSI) ¹	500.5	510.5	512.5
Percentage of Living Marine Resources (LMR) with adequate population assessments and forecasts ¹	41.5	41.3	40.4
Percentage of tools, technologies, and information services that are used by NOAA partners/customers to improve ecosystems-based management ¹	New	New	TBD (will be ready for use in FY 2007)
Number of protected species designated as threatened, endangered or depleted with stable or increasing population levels ^{2,3}	24	24	26
Cumulative number of coastal, marine, and Great Lakes issue-based forecasting capabilities developed and used for management ²	25	31	38
Annual number of coastal, marine, and Great Lakes ecological characterizations that meet management needs ²	New	53	54
Number of coastal, marine, and Great Lakes habitat acres acquired or designated for long-term protection (annual) ^{2,6}	1,705	200,137	86,046,286
Number of habitat acres restored (annual / cumulative)	8,333 / 24,916	4,500 / 29,416	4,575 / 33,991
Goal 2: Understand climate variability and change to enhance society's ability to plan and respond	\$316.0	\$250.7	\$230.1
U.S. temperature forecasts (cumulative skill score)	19	18	19
Reduce the uncertainty in the magnitude of the North American (NA) Carbon Uptake	+/- 0.40 Gt Carbon / year	+/- 0.40 Gt Carbon / year	+/- 0.38 Gt Carbon / year
Reduce the uncertainty in model simulations of the influence of aerosols on climate ²	New	Establish 10% improvement in uncertainty in model simulations of how NA aerosols influence climate	Establish 15% improvement in uncertainty in model simulations of how NA aerosols influence climate

	2005 <u>Actual</u>	2006 <u>Estimate / Target</u>	2007 <u>Estimate / Target</u>
Determine the National explained variance (%) for temperature and precipitation for the contiguous U.S.	Captured 96.9% of annual National temperature trend and 91.4% of annual National precipitation trend	Capture 96.9% of the annual National temperature trend and 91.4% of the annual National precipitation trend	Capture 97.2% of the annual National temperature trend and 92.3% of the annual National precipitation trend
Reduce the error in global measurement of sea surface temperature ²	New	0.5 C	0.4 C
Improve society's ability to plan and respond to climate variability and change using NOAA climate products and information ²	New	32 risk assessments / evaluations to decision makers	35 risk assessments / evaluations to decision makers
Goal 3: Serve society's needs for weather and water information	\$851.8	\$932.6	\$904.0
Lead time (minutes), accuracy (%) and False Alarm Rate (FAR) (%) for tornado warnings ⁴	13 / 75% / 77%	13 / 76% / 75%	14 / 76% / 74%
Lead time (minutes) and accuracy (%) for flash flood warnings ⁴	54 / 88%	48 / 89%	49 / 90%
Hurricane forecast track error (48 hour) ⁴	TBD	111	110
Accuracy (%) (threat score) of Day 1 precipitation forecasts	29	28	29
Lead time (hours) and accuracy (%) for winter storm warnings ⁴	17 / 91%	15 / 90%	15 / 90%
Cumulative percentage of U.S. shoreline and inland areas that have improved ability to reduce coastal hazard impacts	28%	32%	39%
Goal 4: Support the Nation's commerce with information for safe, efficient, and environmentally sound transportation	\$187.6	\$182.2	\$170.7
Reduce the hydrographic survey backlog within navigationally significant areas (sq. nautical miles surveyed per year)	3,079	2,500	3,000
Percentage of U.S. counties rated as fully enabled or substantially enabled with accurate positioning capacity ²	28	39	49
Accuracy (%) and FAR (%) of forecasts of ceiling and visibility (3 miles / 1000 feet)	46% / 63%	47% / 65%	48% / 64%
Accuracy (%) of forecast for wind speed and wave height	57% / 67%	58% / 68%	58% / 68%
Goal 5: Provide critical support for NOAA's mission⁵	\$1,360.4	\$1,419.0	\$1,412.8
Total	\$4,101.0	\$4,070.1	\$3,818.2

1. This is a new measure for FY 2007.

2. This is a new measure for FY 2006.

3. FY 2005 data is a projection.

4. FY 2005 actual was not reported as final in the FY 2005 DOC Performance and Accountability Report. Final is reported here.

5. There are no GPRA measures for the Mission Support goal since the activities of this goal support the outcomes of the Mission goals.

6. In FY 2007 NOAA plans to designate the Northwest Hawaii Islands National Marine Sanctuary. (This increases the number of protected acres by 84,365,000. The Reserve is the second largest marine protected area in the world, and is the largest protected area in U.S. history.)

The total obligations may differ from those reported in the Congressional Justification exhibits due to the inclusion of mandatory funds in the amounts cited above.

